

Sector

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents, Washington, D.C. 20231.

Typed or Printed Name Donna Macedo

Signature

DMacedo

Date

9/11/2000

**RESPONSE TO
MISSING PARTS**

Address to:
Box Missing Parts
Assistant Commissioner for Patents
Washington, D.C. 20231

Attorney Docket

06510-138US1

First Named Inventor

Steven Rosen

Application Number

09/593,828

Filing Date

June 13, 2000

Group Art Unit

1651

Examiner Name

N/A

Title: Glycosyl Sulfotransferases GST-4a, GST-B, & GST-6

Sir:

In response to the Notice to File Missing Parts dated August 15, 2000, transmitted herewith for filing are the following documents:

1. a copy of the Notice to File Missing Parts;
2. Fee transmittal;
3. Request for Corrected Filing Receipt;
4. Declaration signed by the inventors;
5. Two Power of Attorney by Assignee; and
6. Return receipt postcard.

The Commissioner is hereby authorized to charge the amount of \$130 (surcharge, \$130; statutory basic filing fee, \$0; additional claim fees, \$0) to cover the fees required and any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required by this paper, or to credit any overpayment, to Deposit Account No. 50-0815.


Respectfully submitted,
BOZICEVIC, FIELD & FRANCIS LLP

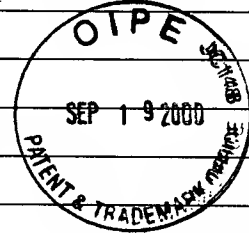
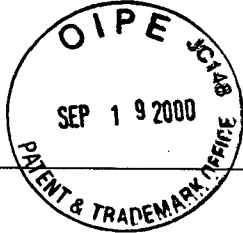
Date: 9.11.00

By:

[Signature]
Bret E. Field
Registration No. 37,620

BOZICEVIC, FIELD & FRANCIS LLP
200 Middlefield Road, Suite 200
Menlo Park, CA 94025
Telephone: (650) 327-3400
Facsimile: (650) 327-3231
F:\Document\06510-138US1\M.P.doc

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.			
Typed or Printed Name		Donna Macedo	
Signature		Date	
		9/11/2000	
REQUEST FOR CORRECTED FILING RECEIPT Address to: Commissioner for Patents Washington, D.C. 20231		Attorney Docket	06510-138US1
		First Named Inventor	Steven Rosen
		Application Number	09/593,828
		Filing Date	June 13, 2000
		Group Art Unit	1651
		Examiner Name	N/A
		Title	Glycosyl Sulfotransferases GST-4a, GST-B, & GST-6



Sir:

A filing receipt for the above-identified patent application has been issued by the U.S. Patent and Trademark Office (copy attached) and has been found to contain the following error(s):

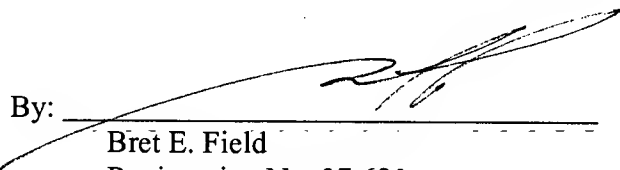
(1) The title reads "novel Glycosyl Sulfotransfer GST-4A, GST-4B, & GST-6", but should read -Glycosyl Sulfotransferases GST-4 α , GST- β , & GST-6--.

The Declaration and the application transmittal sheet indicates that the title is Glycosyl Sulfotransferases GST-4 α , GST- β , & GST-6. Copies of all of the above documents are attached.

If for any reason a fee is found to be necessary, the Commissioner is authorized to charge such fee to Deposit Account No. 50-0815.

Respectfully submitted,
BOZICEVIC, FIELD & FRANCIS LLP

Date: 9. 11. 00

By: 
Bret E. Field
Registration No. 37,620

BOZICEVIC, FIELD & FRANCIS LLP
200 Middlefield Road, Suite 200
Menlo Park, CA 94025
Telephone: (650) 327-3400
Facsimile: (650) 327-3231
F:\DOCUMENT\6510 - UCAL\138us1\Filing Receipt - Correction.doc

FORMALITIES LETTER



OC00000005322118

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark OfficeAddress: COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/593,828	06/13/2000	Steven Rosen	6510-138US1

Bret E Field
Bozicevic Field & Francis LLP
200 Middlefield Road
Suite 200
Menlo Park, CA 94025



Date Mailed: 08/15/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

9/21/2000 WKORONA 00000013 500815 09593828

1 FC:105 130.00 CH

09/21/2000 WKORONA 00000013 500815 09593828
01-FC:105 130.00-CH

Valid date: 09/21/2000 WKORONA 00000013 500815 09593828
09/21/2000 WKORONA 00000013 500815 09593828
01-FC:105 130.00-CH

8/14/00 2:39 PM

FILING RECEIPT



OC000000005322117

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark OfficeAddress: ASSISTANT SECRETARY AND
COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/593,828	06/13/2000	1651	852	6510-138US1	9	29	1

Bret E Field
Bozicevic Field & Francis LLP
200 Middlefield Road
Suite 200
Menlo Park, CA 94025



Date Mailed: 08/15/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

- ✓ Steven Rosen, San Francisco, CA ;
- ✓ Jin Kyu Lee, Residence Not Provided;
- ✓ Stefan Hemmerich, Residence Not Provided;

Continuing Data as Claimed by Applicant

Foreign Applications

If Required, Foreign Filing License Granted 08/14/2000

Title

Novel glycosyl sulfotransfer GST-4A, GST-4B, & GST-6

Preliminary Class

424

Sulfotransferases

Data entry by : ZIMMERMAN, SHAUNA

Team : OIPE

Date: 08/15/2000

RECEIVED

AUG 22 2000

Bozicevic, Field & Francis

DOCKETED 8/23/00
Correct Log Rept 9/1/00





UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov



Bib Data Sheet

SERIAL NUMBER 09/593,828	FILING DATE 06/13/2000	CLASS 424	GROUP ART UNIT 1651	ATTORNEY DOCKET NO. 6510-138US1
RULE -				

APPLICANTS

Steven Rosen, San Francisco, CA ;
Jin Kyu Lee, Alameda, CA ;
Stefan Hemmerich, Berkeley, CA ;

** CONTINUING DATA *****

** FOREIGN APPLICATIONS *****

IF REQUIRED, FOREIGN FILING LICENSE

GRANTED ** 08/14/2000

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 9	TOTAL CLAIMS 29	INDEPENDENT CLAIMS 1	
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance					
Verified and Acknowledged	Examiner's Signature	Initials			

ADDRESS

Bret E Field
Bozicevic Field & Francis LLP
200 Middlefield Road
Suite 200
Menlo Park ,CA 94025

TITLE

Novel glycosyl sulfotransferases GST-4A, GST-4B, & GST-6

FILING FEE RECEIVED 982	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees (Filing)
		<input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
		<input type="checkbox"/> 1.18 Fees (Issue)
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit

EXPRESS MAIL CERTIFICATE

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

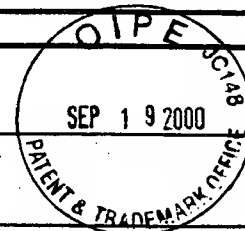
Typed or Printed Name	Dave Glisson	Express Mail No.	EL 563 649 405 US
Signature	<i>Dave Glisson</i>	Date	June 13, 2000

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Atty Docket No. 6510-138US1

First Named Inventor Rosen, et al.

Title Novel Glycosyl Sulfotransferases GST-4 α , GST-4 β , & GST-6

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

Address to: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. ☒ Specification (includes cover page) Total Pages 52
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) Total Sheets 09
4. ☒ Oath or Declaration Total Sheets 03
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d)
(for continuation/divisional with Box 16 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b)
- c. ☒ Unsigned

5. ☐ Microfiche Computer Program (*Appendix*)
6. ☒ Nucleotide and/or Amino Acid Sequence Submission
(*if applicable, all necessary*)
- a. ☒ Computer Readable Copy
- b. ☒ Paper Copy (identical to computer copy)
- c. ☒ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(*when there is an assignee*)
9. ☐ English Translation Document (*if applicable*)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(*Should be specifically itemized*)
13. ☐ Small Entity ☐ Statement filed in prior application
Statement(s) Status still proper and desired
14. ☐ Certified Copy of Priority Document(s)
(*if foreign priority is claimed*)
15. ☒ Other: Fee Transmittal Sheet

16a. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. / /

16b. If a CONVERSION from a PROVISIONAL APPLICATION, supply the requisite information:
Conversion of prior provisional application No. 60/ 144,694, filed July 20, 1999.

KW2 6/13/00

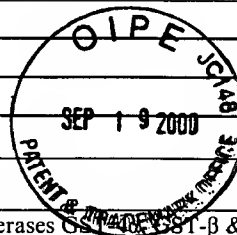
DOCKETED

FEE TRANSMITTAL

Note: Effective October 1, 1998.

Patent fees are subject to annual revision.

Attorney Docket Number	06510-139
First Named Inventor	Steven Ro
Application Number	09/593,828
Filing Date	June 13, 2000
Examiner Name & Group Art Unit	N/A (1651)
Title	Glycosyl Sulfotransferases GST-4, GST-5, GST-6



METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge the following and any additional fees including fees required under 37 CFR 1.16 and 1.17 and credit any overpayments to: Deposit Account No. 50-0815. Deposit Account Name: Bozicevic, Field & Francis LLP

FEE CALCULATION

1. FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Due
101	690	201	345	Utility filing fee	\$
102	310	206	155	Design filing fee	
104	480	207	240	Plant filing fee	
109	690	208	345	Reissue filing fee	
110	150	214	75	Provisional filing fee	
Subtotal (1)					\$0

2. CLAIMS

No. of claims as filed or after amendment		Claims Previously Paid		Extra claims		Fee from below		Fee Due
Total claims	-	20	=		x	=		\$
Ind. claims	-	3	=		x	=		
Multiple Dependent claims								
					x	=		
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description				
103	18	203	9	Claims in excess of 20				
102	78	202	39	Independent claims in excess of 3				
103	260	204	130	Multiple dependent claim				

Subtotal (2) \$0

3. ADDITIONAL FEES

Large Fee Code	Entity Fee	Small Fee Code	Entity Fee	Fee Description	Fee Due	Large Fee Code	Entity Fee	Small Fee Code	Entity Fee	Fee Description	Fee Due
					130						
105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification		147	2,520	147	2,520	Filing a request for reexamination	
115	110	215	55	Ext. for reply within first month		116	380	216	190	Ext. for reply within second month	
117	870	217	435	Ext. for reply within third month		118	1,360	218	680	Ext. for reply within fourth month	
128	1,850	228	925	Ext. for reply within fifth month		119	300	219	150	Notice of Appeal	
120	300	220	150	Filing brief in support of appeal		121	260	221	130	Request for oral hearing	
140	110	240	55	Petition to revive - unavoidable		141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)		122	130	122	130	Petitions to the Commissioner	
123	50	126	50	Petitions related to prov. appl.		126	240	126	240	Submission of IDS	
146	690	246	345	Filing submission after final rejection (37 CFR 1.129(a))		149	690	249	345	For each additional invention to be examined (37 CFR 1.129(b))	
581	40	581	40	Recording patent assignment		Other fee (specify)					

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$130

TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT 50-0815

(\$130.00)

Submitted by (Typed Name)	Bret E. Field	BOZICEVIC, FIELD & FRANCIS LLP			
Signature		Date	9.11.00	Reg. Number	37,620